

Revised

APPLICATION FOR LICENSE TO EXPORT NUCLEAR
MATERIAL AND EQUIPMENT

(See Instructions on Reverse)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS
INFORMATION COLLECTION REQUEST: 1 HOUR. FORWARD
COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION
AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S.
NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555,
AND TO THE PAPERWORK REDUCTION PROJECT (3150-0027),
OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

1. APPLICANT'S USE	a. DATE OF APPLICATION 11/21/00	b. APPLICANT'S REFERENCE 99-068	2. NRC USE	a. DOCKET NO. 11005239	b. LICENSE NO. XSNM03174	
3. APPLICANT'S NAME AND ADDRESS a. NAME U.S. Department of Energy b. STREET ADDRESS New Brunswick Laboratory 9800 S. Cass Ave., D-350 c. CITY Argonne STATE IL ZIP CODE 60439 d. TELEPHONE NUMBER (Area Code - Number - Extension) (630) 252-2455 Mary Ellen Downey			4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material) a. NAME b. STREET ADDRESS c. CITY STATE ZIP CODE			
5. FIRST SHIPMENT SCHEDULED April 2001	6. FINAL SHIPMENT SCHEDULED N/A	7. APPLICANT'S CONTRACTUAL DELIVERY DATE Same as Item 5	8. PROPOSED LICENSE EXPIRATION DATE 5 years from issuance	9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)		
10. ULTIMATE FOREIGN CONSIGNEE a. NAME Kiev Institute of Nuclear Research b. STREET ADDRESS (Facility Site) Prospekt Nauki, 47, 252028 Kiev-28 c. CITY d. COUNTRY UKRAINE			11. ULTIMATE END USE (Include plant or facility name) Kiev Institute of Nuclear Research Prospekt Nauki, 47 252028 Kiev-28 Ukraine 11a. DATE REQUIRED			
12. INTERMEDIATE FOREIGN CONSIGNEE a. NAME b. STREET ADDRESS (Facility Site) c. CITY d. COUNTRY			13. INTERMEDIATE END USE USE CODE 13a. DATE REQUIRED			
14. INTERMEDIATE FOREIGN CONSIGNEE a. NAME b. STREET ADDRESS (Facility Site) c. CITY d. COUNTRY			15. INTERMEDIATE END USE USE CODE 15a. DATE REQUIRED			
16. COM CODE	17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)		18. MAX. ELEMENT WEIGHT	19. MAX. WT. %	20. MAX. ISOTOPE WEIGHT	21. UNIT
	CRM 146 Uranium(Enriched) U235 Solid Oxide, \$161,790.00 US		585.12 g 585.12 g 585.12 g Total 1,755.36	20.06% 52.56% 93.18%	117.375 307,539 545.215 974,129	g g g g
22. COUNTRY OF ORIGIN.—SOURCE MATERIAL US		23. COUNTRY OF ORIGIN.—SNM WHERE ENRICHED OR PRODUCED US		24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)		
25. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary) NOTE: New Brunswick Laboratory is a Government-Owned and Operated Research Laboratory RECEIVED OIP 2001 MAR 9 - 9-88VH 1002						
26. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information in this application is correct to the best of his/her knowledge. Revised						
27. AUTHORIZED OFFICIAL		a. SIGNATURE Mary Ellen Downey		b. TITLE Reference Material Specialist		

APPLICATION FOR LICENSE TO EXPORT NUCLEAR
MATERIAL AND EQUIPMENT

(See Instructions on Reverse)

L AATED BURDEN PER RESPONSE TO COMPLY WITH THIS
INFORMATION COLLECTION REQUEST: 1 HOUR. FORWARD
COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION
AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S.
NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555.
AND TO THE PAPERWORK REDUCTION PROJECT (3150-0027),
OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

1. APPLICANT'S USE	a. DATE OF APPLICATION 11/21/00	b. APPLICANT'S REFERENCE 99-068	2. NRC USE	a. DOCKET NO. 11005239	b. LICENSE NO. XSNM03174	
3. APPLICANT'S NAME AND ADDRESS a. NAME U.S. Department of Energy b. STREET ADDRESS New Brunswick Laboratory 9800 S. Cass Avenue, Bldg. 350, c. CITY Argonne STATE IL ZIP CODE 60439 d. TELEPHONE NUMBER (Area Code - Number - Extension) (630)252-2767 Mary Ellen Downey			4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material) a. NAME b. STREET ADDRESS c. CITY STATE ZIP CODE			
5. FIRST SHIPMENT SCHEDULED December 2000	6. FINAL SHIPMENT SCHEDULED N/A	7. APPLICANT'S CONTRACTUAL DELIVERY DATE Same as item 5	8. PROPOSED LICENSE EXPIRATION DATE 5 years from date of issuance	9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)		
10. ULTIMATE FOREIGN CONSIGNEE a. NAME Kiev Institute of Nuclear Research b. STREET ADDRESS (Facility Site) Prospekt Nauki, 47, 252028 Kiev-28 c. CITY d. COUNTRY UKRAINE			11. ULTIMATE END USE (Include plant or facility name) Kiev Institute of Nuclear Research Prospekt Nauki, 47 252028 Kiev-28 Ukraine 11a. DATE REQUIRED			
12. INTERMEDIATE FOREIGN CONSIGNEE a. NAME b. STREET ADDRESS (Facility Site) c. CITY d. COUNTRY			13. INTERMEDIATE END USE 13a. DATE REQUIRED			
14. INTERMEDIATE FOREIGN CONSIGNEE a. NAME b. STREET ADDRESS (Facility Site) c. CITY d. COUNTRY			15. INTERMEDIATE END USE 15a. DATE REQUIRED			
16. COM CODE	17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)		18. MAX. ELEMENT WEIGHT	19. MAX. WT. %	20. MAX. ISOTOPE WEIGHT	21. UNIT
	CRM 146 Uranium (Enriched)U235 Solid Oxide \$161,790.00 US		1,770 g	93.18%	975.0 g	grams
22. COUNTRY OF ORIGIN.- SOURCE MATERIAL US		23. COUNTRY OF ORIGIN.-SNM WHERE ENRICHED OR PRODUCED US		24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)		
25. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary) NOTE: New Brunswick Laboratory is a Government-Owned and Operated Research Laboratory Received 11/27/00						
26. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information in this application is correct to the best of his/her knowledge.						
27. AUTHORIZED OFFICIAL		a. SIGNATURE Mary Ellen Downey		b. TITLE Nuclear Reference Material Specialist		

U.S. Department of Energy
New Brunswick Laboratory
Attn: Mary Ellen Downey
9800 S. Cass Ave., D-350
Argonne, IL 60439

END-USE STATEMENT

THE URANIUM REFERENCE MATERIALS (CRM 146) ARE SUPPLIED UNDER THE DOE MPC&A ASSISTANCE PROGRAM. THESE CRM 146 ARE INTENDED FOR USE AS CALIBRATION STANDARDS IN NONDESTRUCTIVE ASSAY (NDA) MEASUREMENTS OF URANIUM ENRICHMENT. THESE STANDARDS WILL BE USED BY STAFF AT THE FACILITIES IN UKRAINE TO VERIFY THEIR NUCLEAR MATERIAL INVENTORY IN ORDER THAT THEY MAY BE ABLE TO MEET COMMITMENTS TO THE INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA).

DR. CHARLES T. ROCHE
ARGONNE NATIONAL LABORATORY
TECHNOLOGY DEVELOPMENT DIVISION
TD-315
9700 S. CASS
ARGONNE, IL 60439-4841
TEL# (630) 252-3432
FAX # (630)252-7308

GREG SHEPPARD
INTERNATIONAL SAFEGUARDS DIVISION, NN-44
OFFICE OF ARMS CONTROL AND NONPROLIFERATION
DOE-HQ, NN-44
UKRAINE PROJECT MANAGER
TEL# (202)586-0925
FAX# (202) 586-0936
EMAIL: greg.sheppard@hq.doe.gov

USER FACILITY

DR. VIKTOR GAVRILYUK
KIEV INSTITUTE FOR NUCLEAR RESEARCH
NATIONAL ACADEMY OF SCIENCE OF UKRAINE
PORSPEFT NAUKI, 47
KIEV-28, UKRAINE 252028